

What is claimed is

1. A recording medium comprising:
a first recording area on which recording information is recorded;
5 a second recording area on which management information for managing the recording information is recorded; wherein
said second recording area includes a bit rate recording area that records a bit rate.
- 10 2. The recording medium according to claim 1, wherein
said recording information includes at least a video data and an audio data;
said bit rate is a bit rate of the audio data.
- 15 3. An apparatus for recording recording information on a recording medium comprising:
recording means for recording a bit rate on the recording medium together with the recording information when the recording information is recorded.
- 20 4. The apparatus according to claim 3, wherein
said recording information includes at least a video data and an audio data;
said bit rate is a bit rate of the audio data.
- 25 5. The apparatus according to claim 3, wherein
said recording medium includes a first recording area on which recording information is recorded and a second recording area on which management information for managing the recording information is recorded;

said bit rate is recorded to the second recording area.

6. The apparatus according to claim 3, further comprising:

5 reproducing means for reproducing the recorded bit rate of the recording information together with the recording information when the recorded recording information is reproduced.

7. The apparatus according to claim 6, further comprising:

10 control means for determining whether the renewal recording or addition recording is possible based on the bit rate and a bit rate of the new recording information when new recording information is recorded for renewal of addition, and for starting the renewal recording or the addition
15 recording when the renewal recording or the addition recording is possible.

8. An apparatus for recording recording information on a recording medium comprising:

20 recording system that records a bit rate on the recording medium together with the recording information when the recording information is recorded.

9. The apparatus according to claim 8, wherein said recording information includes at least a video data and an audio data;

25 said bit rate is a bit rate of the audio data.

10. The apparatus according to claim 8, wherein said recording medium includes a first recording area on which recording information is recorded and a second

recording area on which management information for managing the recording information is recorded;

said bit rate is recorded to the second recording area.

11. The apparatus according to claim 8, further
5 comprising:

reproducing system that reproduces the recorded bit rate of the recording information together with the recording information when the recorded recording information is reproduced.

10 12. The apparatus according to claim 11, further comprising:

control system that determines whether the renewal recording or addition recording is possible based on the bit rate and a bit rate of the new recording information when
15 new recording information is recorded for renewal or addition, and that starts the renewal recording or the addition recording when the renewal recording or the addition recording is possible.

13. A method of recording recording information on
20 a recording medium comprising:

a recording step of recording a bit rate on the recording medium together with the recording information when the recording information is recorded.

14. The method according to claim 13, wherein
25 said recording information includes at least a video data and an audio data;

said bit rate is a bit rate of the audio data.

15. The method according to claim 13, wherein

said recording medium includes a first recording area on which recording information is recorded and a second recording area on which management information for managing the recording information is recorded;

5 said bit area is recorded to the second recording area.

16. The method according to claim 13 further comprising:

10 a reproducing step of reproducing the recorded bit rate of the recording information together with the recording information when the recorded recording information is reproduced.

17. The method according to claim 16 further comprising:

15 a step of determining whether the renewal recording or addition recording is possible based on the bit rate and a bit rate of the new recording information when new recording information is recorded for renewal or addition;

20 a step of starting the renewal recording or the addition recording when the renewal recording or the addition recording is possible.